2022-23

PROJECT MANAGEMENT CONSULTANCY REPORT

Name of the Client: Executive Engineer, R R Nagara Division,BBMP, Bangalore.

Agency: M/s Sri Nanjundeshwara Construction (Rajesh M), Contractor, Bangalore.

Name of the Work: Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

M/S Sapience Consultants and Engineers

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Consultants and Engineers
(Building, Geo-Tech & Road Materials Testing Laboratory)

#B9-003, GANGA, Jnanabharathi Enclave,
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Ph: 9448853634, 8762194386.
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Name of Work : Providing Gallery to Musical Fountain in JP Park in Ward No.17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in R R Nagar Constituency under Package -2022-23 RRN-DIV-(10), BBMP, Bangalore

Name of Client	:	**Executive Engineer,** R R Nagara Division,BBMP, Bangalore.
Contractor/Agency	:	**: M/s Sri Nanjundeshwara Construction (Rajesh M),** Contractor, Bangalore.
Total Cost	:	Rs. 443.75 Lakhs
Date of Inspection	:	26.12.2022
Status of Bill	:	1st and Part Bill
In the Presence of	:	(a) **Assistant Engineer , (Ward No. 17)**,BBMP, Bangalore.
	:	(b) **Mr. Nagaraj,** Engineer
		M/S Sapience Consultants and Engineers, Bangalore

Sl.No	Description of the Item		Unit	QTY	Comments / observations
1	Earth work excavation by manual means for drains,canals, waste weir	:	Cum	2294.68	Work done up to the billed quantity and Quality is satisfactory
2	Providing and laying in position plain cement concrete Mix 1:3:6 (M10)	:	Cum	269.66	Work done up to the billed quantity and Quality is satisfactory
3	KSRB 2.8 Providing and filling in foundation with granite/trap broken metal of	:	Cum	167.01	Work done up to the billed quantity and Quality is satisfactory
4	Providing and laying in position Reinforced cement concrete M25 Using 20 mm	:	Cum	377.74	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Unit	QTY	Comments / observations
5	Providing and laying in position Reinforced cement concrete M25 Design Mix	:	Cum	114.49	Work done up to the billed quantity and Quality is satisfactory
6	Providing and laying in position Reinforced cement concrete M25 Design Mix	:	Cum	356.79	Work done up to the billed quantity and Quality is satisfactory
7	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in	:	Tonne	133.46	Work done up to the billed quantity and Quality is satisfactory
8	Earth work excavation by manual means for drains,canals, waste weir	:	Cum	186.75	Work done up to the billed quantity and Quality is satisfactory
9	Providing and laying in position plain cement concrete Mix 1:3:6 (M10)	:	Cum	34.26	Work done up to the billed quantity and Quality is satisfactory
10	Providing and laying in position Reinforced cement concrete M25 Design Mix	:	Cum	29.92	Work done up to the billed quantity and Quality is satisfactory
11	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size	:	Cum	3.40	Work done up to the billed quantity and Quality is satisfactory
12	Providing and laying in position Reinforced cement concrete M25 Design Mix	:	Cum	31.01	Work done up to the billed quantity and Quality is satisfactory
13	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in	:	Tonne	7.66	Work done up to the billed quantity and Quality is satisfactory
14	Providing Size Stone masonry with hard stone in foundation & plinth with	:	Cum	72.80	Work done up to the billed quantity and Quality is satisfactory
15	Providing and constructing load bearing wall with Solid Concrete blocks of size	:	Sqm	327.27	Work done up to the billed quantity and Quality is satisfactory

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16	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding	:	Sqm	859.13	Work done up to the billed quantity and Quality is satisfactory
17	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to	:	Sqm	108.52	Work done up to the billed quantity and Quality is satisfactory
18	Finishing walls with Acrylic Smooth exterior paint of required shade :New work	:	Sqm	967.64	Work done up to the billed quantity and Quality is satisfactory
19	Providing and laying water proofing treatment to the Roof with PU based single	:	Sqm	108.52	Work done up to the billed quantity and Quality is satisfactory
20	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by	:	Sqm	128.21	Work done up to the billed quantity and Quality is satisfactory
21	Supplying and fixing rolling shutters of approved make, made of required size M.S.	:	Sqm	43.73	Work done up to the billed quantity and Quality is satisfactory
22	Supplying heavy gauge PVC conduit pipe..... dia confirming to IS 2509 with	:	m	403	Work done up to the billed quantity and Quality is satisfactory
23	Supplying..... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with	:	m	403	Work done up to the billed quantity and Quality is satisfactory
24	Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy	:	m	324	Work done up to the billed quantity and Quality is satisfactory
25	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with	:	each	25	Work done up to the billed quantity and Quality is satisfactory
26	d)180x90x65mm	:	each	25	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Unit	QTY	Comments / observations
27	e)200x90x65mm	:	each	25	Work done up to the billed quantity and Quality is satisfactory
28	Supplying and fixing PVC/metal conduit accessories.(3/5) (ELE SR	:	each	40	Work done up to the billed quantity and Quality is satisfactory
29	2. Deep junction box c) 32mm deep junction box	:	each	40	Work done up to the billed quantity and Quality is satisfactory
30	Supplying and flush mounting teak wooden box without front plank, made of	:	m	8	Work done up to the billed quantity and Quality is satisfactory
31	b)12"x9"x3" (300x228x76)	:	m	8	Work done up to the billed quantity and Quality is satisfactory
32	Supplying and wiring adopting loop system in existing PVC Conduit /	:	each	75	Work done up to the billed quantity and Quality is satisfactory
33	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch	:	each	74	Work done up to the billed quantity and Quality is satisfactory
34	Supplying and wiring adopting loop system in existing PVC Conduit /	:	each	75	Work done up to the billed quantity and Quality is satisfactory
35	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch	:	each	74	Work done up to the billed quantity and Quality is satisfactory
36	Supplying and fixing superior quality modular switch mounting	:	each	69	Work done up to the billed quantity and Quality is satisfactory
37	Supplying and fixing of modular switch/ Socket/stepped electronic	:	each	41	Work done up to the billed quantity and Quality is satisfactory

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38	i) 32Amps DP switch	:	each	16	Work done up to the billed quantity and Quality is satisfactory
39	j) 6/16Amps universal socket	:	each	120	Work done up to the billed quantity and Quality is satisfactory
40	Supplying and fixing 32Amps security and energy saving DP switch with key	:	each	16	Work done up to the billed quantity and Quality is satisfactory
41	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade,	:	m	1200	Work done up to the billed quantity and Quality is satisfactory
42	b. 1.5 sqmm	:	m	1200	Work done up to the billed quantity and Quality is satisfactory
43	C.6 sqmm	:	m	1580	Work done up to the billed quantity and Quality is satisfactory
44	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary	:	m	158	Work done up to the billed quantity and Quality is satisfactory
45	Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over	:	Nos	105	Work done up to the billed quantity and Quality is satisfactory
46	Extra for supplying 4mm thick white plastic plate and covering for junction boxes	:	Nos	82	Work done up to the billed quantity and Quality is satisfactory
47	Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by	:	Nos	82	Work done up to the billed quantity and Quality is satisfactory
48	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body	:	each	33	Work done up to the billed quantity and Quality is satisfactory

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49	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low	:	each	33	Work done up to the billed quantity and Quality is satisfactory
50	Providing and placing on terrace (at all floor levels) polyethylene water storage	:	Ltr	16000	Work done up to the billed quantity and Quality is satisfactory
51	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,	:	mtr	146	Work done up to the billed quantity and Quality is satisfactory
52	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,	:	mtr	125	Work done up to the billed quantity and Quality is satisfactory
53	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I.	:	Each	17	Work done up to the billed quantity and Quality is satisfactory
54	Raw water Feed pump with starter,Type-Horizontal ,Centrifugal.Make-	:	Nos	16	Work done up to the billed quantity and Quality is satisfactory
55	Multi graded sand filter,type-verticle,Floor Mounted,Make-pentair/structural/ION	:	Nos	16	Work done up to the billed quantity and Quality is satisfactory
56	Activated carbon Filter type-Verticle,Floor Mounted,Make-	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
57	Water Softner,type-Verticle,Floor Mounted,Make-	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
58	Antiscalant Dosing System,Equipment Required-Electronic Dosing Pump	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
59	Accessories for Dosing System,Solution Tank-One No,Volume-	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory

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60	Reverse Osmosis System,Type-Horizontal Skid,Floor	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
61	Pressure Vessel,Material of Construction-FRP,Make-Advance Composite/Code	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
62	Membrane, Type-Brackish water . Nos required-Three.Make-TORAY	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
63	High pressure pump,Type-verticle,multistage,Make-GRUNDFOS,MOTOR-7.5	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
64	Micron Filter,Type - JUMBO,Material of construction of housing-poly	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
65	Instruction, Wet panel -Ms powder coated., Mounted on R.O> skid, Low pressure	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
66	pH correction dosing System, Equipment Required-Electronic Dosing Pump	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
67	Solution Tank with level switch, Solution Tank-one No, Volume-100 Liters.	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
68	Inter-connecting pipe work ,Raw water tank to feed pump suction and feed	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
69	Ultra violet system, Model-UVS-20,Make-Ion Exchange (I) Ltd.,/ASIA	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
70	RO water strong tank, 2000 ltrs SS tank, to store RO water with required nozzles	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory

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71	Wending Machine ,Digital Swiping Card Type	:	Nos	8	Work done up to the billed quantity and Quality is satisfactory
72	Geophysical investigation at site for sinking borewells for supplying drinking water to	:	No	3	Work done up to the billed quantity and Quality is satisfactory
73	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity	:	Rmt	150	Work done up to the billed quantity and Quality is satisfactory
74	50 to 100 m	:	Rmt	150	Work done up to the billed quantity and Quality is satisfactory
75	100 to 150 m	:	Rmt	150	Work done up to the billed quantity and Quality is satisfactory
76	150 to 200 m	:	Rmt	150	Work done up to the billed quantity and Quality is satisfactory
77	200 to 250 m	:	Rmt	150	Work done up to the billed quantity and Quality is satisfactory
78	250 to 300 m	:	Rmt	150	Work done up to the billed quantity and Quality is satisfactory
79	300 to 350 m	:	Rmt	150	Work done up to the billed quantity and Quality is satisfactory
80	350 to 400 m	:	Rmt	150	Work done up to the billed quantity and Quality is satisfactory
81	400 to 420 m	:	Rmt	60	Work done up to the billed quantity and Quality is satisfactory

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